

SUMMARY

Mission Support consists of four sub-projects:

- Planning and Integration (WBS 1.8.2.1.1)
- Systems Engineering (WBS 1.8.2.1.2)
- Environmental Support (WBS 1.8.2.1.3)
 - Hanford Environmental Management Program (HEMP)
 - Effluent and Environmental Monitoring Program (EEM)
- Public Safety and Resource Protection (WBS 1.8.2.1.4)

Fiscal-year-to-date milestone performance (EA, DOE-HQ, FO and RL) for all of Mission Support shows that 19 milestones (79 percent) were completed on or ahead of schedule, two milestones (8 percent) were completed late, three milestones (13 percent) are overdue, and one milestone is forecast late. There is one EA milestone overdue, which is found in EEM. This consent order milestone was impacted by the delay in the promulgation of 10 CFR 834 regulations; forecast completion is now September 30, 1998. Additional information can be found in the Milestone Exception Report (page M: VI-1).

Planning and Integration - Baseline change control workshops were conducted with the Facility Stabilization and Waste Management projects on the new change control procedure. The Baseline Change Control Module was modified to integrate the cost savings process and the new baseline change control procedure. A proposed set of short-term, FY 1998/1999 critical few mission goals, was prepared. A path forward for the Environmental Planning Database System (EPDS) platform to the DOE-HQ integrated planning, accountability, and budgeting system (IPABS), was identified even though IPABS requirements were not provided by DOE-HQ. FY 2000 Budget Formulation public meetings were held in February. The primary communication tool for these meetings was the Integrated Priority List and the Project Specific Priority List.

Systems Engineering - Site Systems Engineering continued developing the site systems analyses; the projected completion for the initial model is July 1998. This will allow the model results to be validated during the MYWP development process and to be used in conjunction with final MYWP approval. Work is continuing on the improvement of the data quality in the Hanford Site Technical Database (HSTD) using the criteria developed last year. The quality measurement is now above 96 percent. Support is continuing for the HANDI 2000 Project, as well as evaluation of alternative systems engineering tools.

Efforts continue to complete approval of the project specifications portion of the EM Site Specification.

Site Systems Engineering continues to provide integrations support to the disposition map work being performed under the Waste Management Project.

Environmental Support (HEMP) - HEMP completed four milestones: one was on schedule and three were ahead of schedule. Meetings with Ecology and WDOH were established for the public involvement schedule in support of the Hanford Site Air Operating Permit. The public review period for the draft permit will run from March 16, 1998, through April 15, 1998, with a public meeting scheduled for March 31, 1998, at the Kennewick Ecology office.

Dangerous Waste Reports for four separate EPA identification numbers were prepared for calendar year 1997. The facilities covered are the Hanford site, Federal Building, 712 Building, and 3000 Area. Hard copies of all four reports were delivered to RL on February 23, 1998.

Environmental Support (EEM) - Installation of the new Global Positioning System (GPS) into the Computerized Off-Road-Vehicle Utilizing GPS and Radiation-detection-devices (COUGAR) is complete. Initial tests show the system working as expected, achieving one meter accuracy in real-time, independent of a local differential correction signal. When routine calibration activities are complete, further tests will be combined with training the designated Health Physics Technicians on the operation of COUGAR.

An evaluation was performed to determine the feasibility of performing Non-Destructive analysis (NDA) of gamma-ray activity from HEPA filters in the Double Contained Receiver Tanks (DCRT) filter pits. The evaluation concluded that measurements can be performed through non-destructive methods in which the cover blocks would remain in place and access is accomplished through the valve access ports. The filters would remain in the sealed housings and normal stack operations would not be altered.

Public Safety and Resource Protection (PSRP) - Activities in support of PSRP milestones as defined in the FY 1998 MYWP were performed as planned. Progress toward FY 1998 milestone completion was on schedule.

ACCOMPLISHMENTS

- Completed the annual inspection of the 1100 Area on schedule. (ESH-98-019)
- Provided the final EPCRA 312 Tier Two Emergency and Hazardous Chemical Inventory Report ahead of schedule on February 20, 1998. (ESH-98-005)
- Delivered the 1997 Hanford Site Annual Dangerous Waste Report ahead of schedule on February 23, 1998. (ESH-98-009)
- The Annual Report of Hanford Facility RCRA Permit Noncompliance was completed on February 13, 1998, ahead of schedule and forwarded to Ecology on February 27, 1998. (ESH-98-017)

- Issued procedure HNF-PRO-533, "Change Control," on February 26, 1998. (Planned)
- Completed the Systems Requirements Specification for a cost forecasting module. (Planned)
- Delivered paths to Closure document to RL and DOE-HQ for posting to the Internet. (Planned)
- Approved the Risk Management Plan on February 26, 1998, one month late. (TEC-98-002)

COST PERFORMANCE (\$M)

	BCWP	ACWP	VARIANCE
Support	\$30.0	\$30.0	\$0.0

There is no cost variance.

SCHEDULE PERFORMANCE (\$M)

	BCWP	BCWS	VARIANCE
Support	\$30.0	\$30.1	(\$0.1)

The \$0.1 million (less than 1 percent) unfavorable schedule variance is within established thresholds.

ISSUES

Nothing to report.

COST VARIANCE ANALYSIS

WBS	COST VARIANCE: \$ XXM
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RL Directed Support 1.8.1.1/OT04	Description/Cause:	Impact: Corrective Action:
Program Direction/GSSC 1.8.1.2/OT05	Description/Cause:	Impact: Corrective Action:
Mission Support 1.8.2.1/OT01	Description/Cause:	

SCHEDULE VARIANCE ANALYSIS

WBS/PBS	SCHEDULE VARIANCE: \$ 0.0M
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RL Directed Support 1.8.1.1/OT04	Description/Cause: There is no schedule variance.	Impact: Corrective Action:
Program Direction/GSSC 1.8.1.2/OT05	Description/Cause: There is no schedule variance.	Impact: Corrective Action:
Mission Support 1.8.2.1/OT01 1.8.2.1.2/OT01	Description/Cause: There is no schedule variance. There is no schedule variance.	Impact: Corrective Action:

MILESTONE EXCEPTION REPORT

Number/ WBS	Level	Milestone Title	Baseline Date	Forecast Completion Date
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OVERDUE - 3

BUD-98-002

1.8.2.1.1	RL	Submit Draft FY 2000 Project Baseline Summaries to RL	2/27/98	5/31/98
	Cause:	This milestone was based on the assumption that DOE-HQ would require a draft PBS submittal at the end of February, as has been the case in the past. However, DOE-HQ did not require a draft PBS submittal.		
	Impact:	None.		
	Corrective Action:	The submittal is planned for May 1998.		

98-41-011

1.8.2.1.3	RL	Deliver Draft Implementation Plan to RL	1/15/98	6/17/98
	Cause:	Late issuance of the Hanford Site Air Operating Permit by Ecology.		
	Corrective Action:	The Draft Implementation Plan is due one month prior to issuance of the final permit by Ecology. Current estimates are that Ecology will issue the final permit by July 17, 1998.		

EEM-98-003

1.8.2.1.3	HQ/EA	Provide Draft Environmental Radiological Protection Plan (ERPP)	2/27/98	9/30/98
	Cause:	This milestone is tied to 10 CFR 834, which has not yet been promulgated by DOE-HQ.		
	Corrective Action:	The promulgation date of 10 CFR 834 is unknown at this time. There is a 180-day window to submit a draft ERPP after promulgation.		

MILESTONE EXCEPTION REPORT

Number/ WBS	Level	Milestone Title	Baseline Date	Forecast Completion Date
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FORECAST DELAY - 1**72270EA804****1.8.2.1.4 FO**Complete Summary Historic Properties Monitoring
Report for FY97

3/31/98

6/30/98

Cause: Shortage of resources to complete the milestone.**Impact:** None.**Corrective Action:** BCR PWM98-006 will revise the milestone due date to June 30, 1998.